FLORIDA ROADS ARE **GOOD FOR TOURING**

Conditions Down Around Jacksonville Given in Some

Detail.

BEACH DRIVING IS FINE

And in the Main. Smooth Going Is to Be Found All Through.

Club of America which was sent to Florida by the Bureau of Tours found excellent roads from Jacksonville throughout the county. Leading south over the John Anderson highway is good brick road for eighteen miles. An average of twenty miles an hour can be made over the next stretch of ten miles, followed by sand, which is heavy for about six miles after a dry spell. It is then good gravel

Good graded shell road leads from this place to Moultrie, followed by fair conditions for the next twenty-eight miles. where a good road leads through a ver interesting section with thick palmetto groves to a lagoon. From this point the run is delighful on a good shell road wind-

ing along to Ormond.

From Ormond to Daytona are various routes. When the tide is sufficiently low turn left at a hotel to the beach. Here the run can be made down the beach for twenty miles at any speed desired without a bump. The best place to leave the beach is to follow a drive leading under the Clarendon Hotel to Sea Breeze avenue, then turn left and run to the Halifax River, which is crossed on a long toll bridge to Daytona.

If the tide is too high for the beach drive the John Anderson highway con-tinues straight on along the east side of

Good shell road, some stretches only fair, leads through Fort Orange, New Smyrna and Hawks Park to Oak Hill, where fair shell road alternating with short stretches of rough sand lead through Mims, Titusville, Delespine, Sharpes, City Point and Cocoa to Rockledge. A detour is necessary five miles south of this city on the road to Eau Gallie. Conditions are rather poor and directions are more or less confusing or account of the many misleading roads which strike off from the main road. The road has been improved from Eau

Method, a Unique Plan.

The work of turning out Ford cars ounds in minute details of production

A unique method is used to test cylindrate to ascertain if they have been bored accurately to a thousandth of an inch.

Some large users have made grave erthis simply allowing for the movement of the niston head.

bound with damaging force.

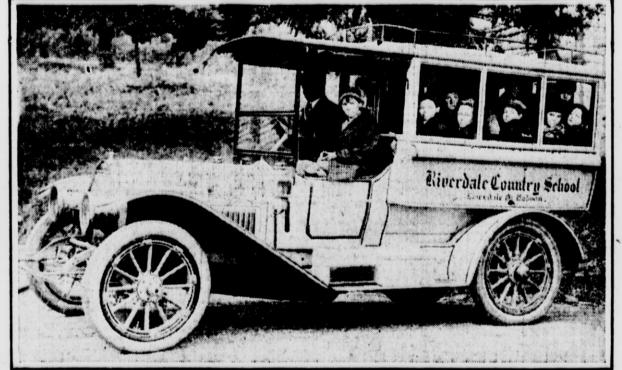
The tensions are set automatically, and when once properly adjusted, the new automatic requires no further attention.

DUNLOP FACTORY HERE.

Plant in Long Island City Now Mak- Organization Meeting to Be at the ing Wire Wheels.

Buffalo concern.

With Shining Morning Face Motoring to School



The automobile as a school bus, to carry children from the city to the country, is shown here Van Cortlandt Park, It carries 14 boys,

RECKLESS SELLING **HURTS MOTOR TRUCK**

Lower Prices Follow Elimination of Bad Business Methods.

Tells Dangers of Not Fitting Truck to Needs of the Buyer.

G. M. C. Branch Manager.

In the past the reckless maintenance Gallie to Melbourne and a good road through a beautiful section with thick undergrowth will be found, and then through many orange groves. The road is in sufficiently good condition to make twenty miles an hour going through Malaker, Mecca, Sebastian and Wabasso to Quay, where a fine road will be found through Gifford, Oalo and St. Lucie to the control of the cont

SPARK PLUG SOCIETY.

Chiengo Show.

The Dunlop Wire Wheel Corporation of America opened recently a factory in Long Island City for the manufacture of wire wheels for automobiles. It is now in complete operation and is producing a steadily increasing output. Although wire wheels are a recent redevelopment in this country, their acceptance abroad and their equipment on practically all the prominent foreign cars have been established for a number of years.

There are several reasons urged in favor of wire wheels coming into favor. Their use practically cuts three expense in favor of wire wheels coming into favor. Their use practically cuts tree expense in favor of wire wheels coming into favor. Their use practically cuts tree expense in two, it is contended, and they are many times stronger than any wooden wheel, thus minimizing accident. Another Dunlops feature is the quick detachable and positive automatic locking device. The wheel can be taken off and replaced almost instantly and locks itself on in the event of any human neglect to do so.

Chicago Show.

In pursuance of the plans outlined at the meeting of spark plug manufacturers in eled at the Hotel Astor on January 5 for the munifacture of the meeting of spark plug manufacturers and association wheels are a recent redevelopment in this country, their acceptance abroad and their equipment on practically all the prominent foreign cars have been established for a number of prospective licenses will adopt a constitution for the organization, which is to be known as the Association of Spark Plug Manufacturers.

There are several reasons urged in favor. Their use practically cuts tree expense in the continuous propositive and a few friends and was so well received that it has been manufactured for the trade to the extent of many thousands. It is used as regular equipment by many high grade car makers. The dominance of the plans outlined at the meeting of spark plug manufacturers of their expension will include all present licensees. The complete plus or parts thereof. The association which is contr

SOME HARTFORD OFFERINGS.

and So On Made in Jersey City. To supply a flexible spring with strength to carry the normal load, whether it consisted of two passengers or seven, has long been a problem among motor car manufacturers and one that has not been easy of solution. There are many who say it is impossible to make a leaf spring which will work with satisfaction at the extremes. One result is that motorists are acopting the river to the road that turns to the Clarendon Hotel in Sea Breeze, then to G. M. C. MAN EXPLAINS THIS supplementary or small quick acting springs that are attached to the end shackles of the leaf spring itself. One in this class is the Hartford cushion spring offered by Edward V. Hartford. .

Cushion springs are not shock absorbers but are devices to provide greater flexibility in travelling over small ruts and need of "the most sporting people in the bumps where the action of the wheel is too rapid for the main car or leaf spring to operate, the last named spring coming into play when the larger obstructions have a big automobile race track out West and we ought to have one right in heart of New York City as a big city bumps where the action of the wheel is world"

ounds in minute details of production lation, either in the size of the machine or the motive power recommended. Our road is encountered and the natural tendency of the spring is to bound and recompany is strong for the correct inbound with damaging force.

The tensions are set automatically, and

PLEASE START A RACE TRACK, URGES THIS FAN

"Charles Brown of the Big City" Wants Fred Wagner to "Use His Influence."

Wagner, the starter of automobile races. got a letter urging him to get things going for a motor racecourse in this city Wagner thinks it is a "josh." Apparently the writer has forgotten the speedway that never sped on the Newark meadows. This is what he wrote as the crying

The Hartford cushion spring is simply an additional pair of double acting spiral springs attached to the rear shackles. through many crange groves. The road all as groves are made one single groves and thus performed by shock absorber groves. The road is in sufficiently good condition to make twenty miles an hour going through Markabaso to Gang where a new road will be found abar. Micro. Sebastian and Wabasso to Gang where a new road will be found abar. Micro. Sebastian and Wabasso to Gang where a new road will be found about truck business were placed on the Fort Pierce.

The next twenty miles is a very good graded road to Stuart, followed by a fair rock road clone the Florida and summer ground and through Port Sewail. Sale-race grows there crosses the river to Fain Beach. A bridge here crosses the river to Fain Beach but continue south from West Palm Beach over a well garded rock road on which thirty-five miles an hour can be made through Lake worth. Landman, Hypoluso, Boynton, Delroy and several other whether the truck was fitted to the service or not.

TESTING FORD FITS.

In the opinion of many transportant in it is high time that the that the that the that the author was a substantial business men is a guide to the the the that the the truck is failed under truck business are possible first says from the desire of the worth and the proportion of the service of the worth and the proportion of the sale of the worth and the proportion of the sale of the worth and the proportion of the sale of the worth and the proportion of the sale of the worth and the proportion of the sale of the worth and the proportion of the sale of the worth and the proportion of the sale of the worth and the proportion of the sale of the worth and the proport

Please excuse writeing and grammer. "CHARLES BROWN "of the Big City."

Some large users have made scavely this simply allowing for the movement this simply allowing for the movement of the piston head.

By old machine shop methods the particular needs before making their purchases. The trucks do the work for cylinder was bored out and the piston beed turned and then one was fitted to be was obviously impossible to test in this way, as cylinders were bored in one portion of the plant while the pistons were being turned a great distance away.

A device was therefore worked out make the test when a cylinder has been and electric globe is used to make the test. When a cylinder has been bored to the correct size it is sild over an electric globe. A piston gauge of the exact size of a piston head is then sild into the cylinder and the tester examines it carefully to ascertain if any light leaks around the gauge. If there is no sign of light it means that the cylinder has been bored properly, but if light has been bored properly, but if light shows the cylinder is rejected as defective.

SEADY DIJIC SOCIETY

Some large users have making their particular needs before making they should they should they should they should they should the production ran up their particular needs before making they should the deading manufacturers of the wonters are not saving all they should the deading manufacturers of the wonters are not saving all they should they shou Although better known for their Truffault-Hartford shock absorbers and the
Hartford electric self-startling and lighting
system, the Hartford Suspension Company
of Jersey City has been marketing other
accessories during the past two years
which are making a name for themselves
as leaders in their class.

The Hartford light is the most expensive
mobiles. An inspector came along and Jack on the market. It is for the motorist willing to pay a little more for something very much better. It is made of chrone nickel steel throughout, with special gearing that makes the raising of a tone easy that a child one easy that easy tha made his headquarters in a Studebaker six sedan. Its cushions made him a luxurious bed. He had but to touch a button to illumine its interior. Its body gave him double protection against the weather. He must have been provisioned for the trip, for when the car arrived at for the trip, for when the car arrived at Portland and the door was opened for the first time the hobo bounced out with abounding energy and promptly disappeared, the employees of the Portland Studebaker branch being too amazed to give chase. An abundance of cigarette stubs and a large empty jug were left behind, along with a note which stated:

"GENTS: I thanks you for the ride. This is sure the swellest benzine buggy I ever rode in. Happy New Year."

TRUCK TIRE PROBLEMS.

I ever rode in. Happy New Year."

Commercial Vehicle Men Hear Talk by Goodrich Expert.

At the recent meeting of the Motor Truck Club of America S. V. Morton, manager of truck tire sales for the B. F. Goodrich Company, gave an illustrated talk on the subject of motor truck tires. The idea underlying the lecture was this: "Now that the motor truck has been practically perfected mechanically, the subject of maintenance is of prime importance. It seems that the tire cost is to motor truck hauling what roadbed maintenance is to railroad transportation. The unit of measurement adopted by the railroads is the measurement adopted by the railroads is the movement of one ton of freight one mile, and their object is to do this at the least cost a nile. The tire problem is almost identical, and the thoroughness with which the leading tire experts have gone into the matter is bound to be of a special interest to all

Ajax Tires on Leading Show Cars. Tire equipment at the automobile show fully by the manufacturers who succeed fully by the manufacturers who succeed in getting their goods displayed on the high grade cars in the various booths. For example, Ajax tires were to be found at the New York show in the Grand Central Palace on Packard, National, Marmon, Moon, Mercer, Flat and Briscoe cars. At the Automobile Importers' Salon the Simplex had some models shod with Ajax casings. with Ajax casings.

FAULTY RINGS IN PISTON TROUBLESOME

And in Spring Overhaul of Car or Boat Should Get Attention.

ONE PIECE TYPE BLAMED \$700.

Defects in Lubrication and Lack of Compression Ascribed to It.

Before the owner of automobile motor boat takes his ear or craft out af-ter a winter's layup--if there has been such a rest period—he should give it a thorough overhauling. The overhauling should be taken in hand in good time so as to be unhurried and very thorough, for the summer's enjoyment of car or craft, free from worry or discouragement over inefficient engine service, depends upon the close examination the power plant gets during the overhaul and the at-tention given to such readjustment or renewals as its various parts may stand

Don't overlook the piston rings of your engine when this takes place. They are so upt to be neglected, considered unimportant, when, as a matter of fact, a gasolene motor is only as efficient as its piston rings. A defect in them is im-mediate in its effect upon the motor's ser-

ticipation of good times ahead as your car rolls out of the repair shop or your boat slips into the water this spring. be sure you have first satisfied yourself as to the condition of your piston rings. That they are not worn and fit properly. retain the necessary spring to give them the requisite bearing against the cylinder walls and that their openings or points of expansion (if of the usual one piece type)

From Newark the other day Fred J. Vagner, the starter of automobile races, ot a letter urging him to get things with consequent impaired compression and power loss through gas escaping past the piston head. Surplus oil also will work up through these unsealed openings and cause carbonization in the combustion cause carbonization in the combustion chamber with all its resultant troubles. These rings are said to be lacking in strength, because of their design, to stand the strain upon the metal caused by constant heating and cooling off and break bile supplies. He established abroad across. Another fault is that they wear number of agencies for his company. down the cylinder unevenly and thus acntuate the escape of gas.

ting, have equal and sustained tension Company and who at the time Harry S on the cylinder walls or efficient motor Houpt took on the Lozier agency for service is impossible. With fuel going to Greater New York and vicinity joined waste, power deficient, carbonization and him as a salesman, has been elected vice-cylinder wear increasing, you will wish president and general sales manager of many times that you had given the piston Harry S. Houpt, Inc.

that business is on the increase, every month of late being ahead of the year

The best truck in the world in the wrong place, either gasolene or electric, will never make a satisfied customer, because it will not do the work at the most economical cost. We would much rather suffer the loss of a sale than make the wrong installoss of a sale than make the world in the wrong dibrates of the wheel turns over. This together and released to normal position together and released to normal position together and released to normal position together and released to normal position. A first two devery time the wheel turns over. This together and released to normal position together and released to normal position. A support of particular together and released to normal position together and released to normal position together and released to normal position. A support of particular together

6,000 Cars in Sixty Days.

Six thousand cars in sixty days is the sales record credited to the makers of the Jeffery four and six. The first public announcement of the 1914 Jeffery product appeared on November 5. Telegrams were at once received from dealers in all parts of the United States with requests for territory. Many of the choicest territorial concessions were made within the next few days. To-day twice as many dealers have contracted for the Jeffery line as there are days in the year.

ment the beads are affixed. By means of the beads clincher tires are held to the rim.
Side walls and cushion of pure rubber next are added. Then comes the first cure by which the various parts are vulcanized together and made one. Pneumatic tires are cured in great ovens, the few days. To-day twice as many dealers have contracted for the Jeffery line as there are days in the year.

CARAGES, TIRES, EQUIPMENTS, ALSO REPAIR COMPANIES, WILL ALWAYS

1 Ton Hewitt Chassis in good mechanical condition; demonstration to quick buyer;

3 Ton Pope Hartford, 8 months old, just out of shop; excellent condition; all new tires, horn, lamps, odometer, tools, etc.; any demonstration: \$950.

5 passenger touring - fourdoor body, self-starter, electric lighting system, extra tires and tubes. Car recently overhauled and painted. Al condition, demonstration;

International Motor Co. Service Station 3d Floor,

64th St. & West End Ave.

SIMPLEX, 50, R'dstr.

Doings of the Local Trade in Motor Cars

Louis Mansbach, treasurer of the Times Square Automobile Company of New York and Chicago, has returned from a visit to the different automobile centres in Europe. He reports a growing demand for American cars and automobile supplies. He established abroad Ezra C. Bull, who has for many year been associated with the Lozier Moto

the National, says that an average of day has been sold since the show Arthur L. Newton of the Buick repor

Robert Lurie, formerly sales manage for the John M. Brisben Company, Inc., is now connected with the Doruct & Page agent for Palmer-Singe

SIX STEPS TO FIRESTONE.

under inflated tire may be in a week.

Then, too, an underinflated tire, striking a stone or street railway rail, may have top and bottom brought together in a blow hard enough to crush or break the fabric at once. The smaller the tire the sharper the flexing angle and the shorter the distance between top and bottom when blows are encountered.

Careful investigation convinced Goodyear that in five-inch tires and up the angle of flexing under ordinary inflation is small enough to allow for a lower proportionate air pressure than recommended for small tires, and the new figures are included in the company's latest tables.

cient work to be passed. Before the "carcuss" is sent in to the next depart-ment the beads are affixed. By means the next depart- | Have

Autos Valus Sale at

Removal Shortly Must Unload For Cash or Time Payments

Peerless Foredoor, \$250, Peerless Lines to Packards.
Pac

Cadillac, Late Model, 100 Other Cars at \$50 to \$3000

10 Auto Trucks - Offers Wanted Big Drop in Tire Prices "Thousand & One" Auto Bodies Third Former Prices Buy Now! Jandorf Automobile Co.,

3, 5, 7, 9 West 61st St., Branding PALMER-SINGER

Guaranteed Used Cars.

taken in trade for New Cara. A overhauled and passed inspectlo Pierce-Arrow, Touring, 36 H. P. Oakland, 5 Pass., Touring, Palmer-Singer, Limousine Brighton, Touring, Matheaou, 7 Pass., Touring, Regal, 5 Pass., Touring, Palmer-Singer, Touring, Palmer-Singer, Touring, Regal, Roadster, Allen-Kingston, Bacer



CLARK & KENDRICK 143 W. 518



1913 - Cole 5 Passenger Touring 1912 - Simplex 38 H. P. Landauter 1911 - Flat 35 H. P. Touring 61st Street, next to Broadway

LANCIA CARS

30 H. P. WITH FLANDRAU LIM. 30 H. P. 5 PASS, TOURING, LIKE 25 H. P. WITH COLLAPSIBLE LAN.

Lancia Co., 252 West 57th

1913 MODEL Locomobile

5 Passenger Touring, in excellent mechani condition, appearance equally as rocceequipment; Bargain for Quick Buyer.

J. EDWARD FITZ GERALL
254 West 64th

JOHN M. BRISBEN CO., INC. USED AUTOMOBILE DEALERS 32 WEST 63D ST. Telephone, 1242-Columbus several special bargains in Runa TOURING AND CLOSED CARS. All are in perfect running order.
Customers are projected by ample some PULL DEMONSTRATION GIVEN

3 ton Gramm with brewery bo (Continental Motor) in good dition, ready to work; one day a demonstration to interested provide Price \$750. D. L. 162 Su

USED CAR DEPARTMENT. Dimond Warren Motor Ce. Inc. A few good used cars taken in trade, and 1912 models from \$200 and there

Distributers for the Benham Six A .- NEW WINTER BODIES, \$123 5875 REBUILT CARS. \$100 TO \$2.000

Tops. \$10; top covers, \$1; windows \$1; Steering col.radiators.speciality of ENTURY CO. 1992 B.wa. 1912 PIERCE, 38, Lim.

LIMOUSINE AND LANDAULET BODD Also several 1910-11-12 Packard coned on PACKARD AUTO EXCHANGE 1876 Broadway. Phone, 5073 (AUTOMOBILE AND MOTOR TRUCK |

WHAT ARE LADIES DOINGS

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238 West Mile Street.
"Founded on Honory."

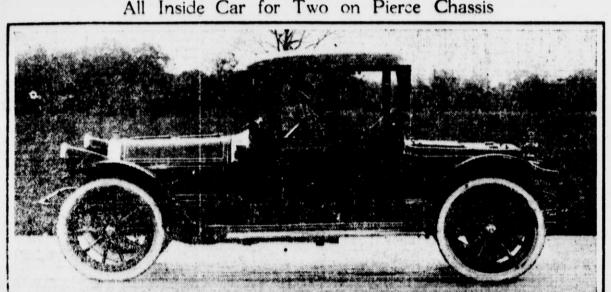
To be person of AUTOMOBILE REPAIRING.

WE SELL SEND FROM STATE OF STA AUTOMOBILES FOR HIRE.

PACKARD LIMOUSINES EQUAL TO AN PRIVATE CAK; LIVERIED CHAILTELE TO THEATRE AND BEFULN SOMALL CARS FOR SHOPPING AND AN ING. \$2.00 PER HOLE FROM FROM FOR THE PROPERTY OF THE PRO

AUTOS FOR RENT-HOLE, DAY MONTH, 911 AMSTER DAY AV. THONE 1603 RIVERSID

AUTOMOBILE SUPPLIES. A. BEAUTIFUL Pair Bear Rotes offer refused. Private stable, 148 East 59th



this striking enclosed roadster on a Pierce-Arrow chassis is one of the latest models of the

Double Tire and Gasoline Mileage

For every dollar of cost the Franklin Six-Thirty gives the greatest possible dividend in automobile satisfaction.

The Six- pirty is light in weight, which gives more than double tire and gasoline mileage. Light weight, coupled with the use of the very best materials, gives minimum depreciationmeans long life to the car.

The Franklin direct-cooled motor means a car unaffected by weather or road conditions, an all-year-round car. There being no water in this cooling system there is nothing to bother with.

The best results are inevitable in this car. Call and see it: take a ride with us.

> FRANKLIN MOTOR CAR CO., Glenn A. Tisdale, President.

73d St. and Amsterdam Ave., N. Y.

Six-Thirty Touring car, 2725 pounds, \$2300